http://www.uwstout.edu/programs/bsitm/

Information Technology Management

Introduction

The Information Technology Management program prepares graduates for leadership positions in a dynamic environment. Professionals in the field deal with a broad range of business and technical issues. The program emphasizes managerial, technical and science skill courses. The field of information technology requires application of scientific, business and technical principles together with appropriate knowledge, and supports research, marketing, design, and systems that integrate information technology.

Students apply theory to solve real-world problems in an intensive hands-on laboratory environment that is the heart of UW-Stout's teaching strategy. Emphasis is on areas of information technologies that include voice, data, and video systems.

Technical courses foster the development of understanding in systems creation, design, development, implementation, operations and management. Students take courses that provide the basic knowledge about the technical elements required in building any voice, data, and video network systems. Students completing this program have the opportunity to earn one or more of the following highly respected professional certifications: Cisco CCNA, CCDA, CCNP, CCDP, and Microsoft MCSE.

Professional studies provide a solid managerial background while humanities and social science courses introduce students to methods of communications, motivation, and supervising people. Math and physical science courses help in solving technical and economic problems found in business.

Several work experience programs have been developed. Internships, field experience, independent study and cooperative education opportunities are available. You can work for a summer or semester earning college credit as well as a salary, while gaining a personal perspective of the business and technical world of information technologies.

Information Technology Management program graduates advance into administrative and executive areas within an organization. The professional certifications earned give students a substantial competitive advantage when entering the job market.

General Requirements

Bachelor of Science Degree

Total for graduation	120
General Education	41
Major Studies	79

Program Requirements

General Education

41 credits required

A. Communication Skills — 8 Credits

ENGL-101	Freshman English — Composition *or*	
ENGL-111	Freshman English — Honors I	3
ENGL-102	Freshman English — Reading and Related Writing *or*	
ENGL-112	Freshman English — Honors II	3
SPCOM-100	Fundamentals of Speech	2

B. Analytic Reasoning — 7 Credits

CS-144	Computer Science I	3
MATH-153	Calculus I	4

C. Health and Physical Education — 2 Credits

Courses must be from areas of health, physical education or nutrition.

D. Humanities and the Arts — 9 Credits

Courses must be from three or more areas including art history, creative arts, history, literature, music appreciation, performing arts and philosophy.

E. Social and Behavioral Sciences — 9 Credits

ECON-210	Principles of Economics I	3

Courses must be from two additional areas including anthropology, geography, political science, psychology and sociology.

F. Natural Sciences (with Lab) — 4 Credits

PHYS-211	Introduction to Physics	3
PHYS-212	Introduction to Physics – Lab	1

G. Technology — 2 Credits

Major Studies

79 credits required

Management — 20 credits

BUACT-206	Introduction to Financial Accounting	3
BUMGT-304	Principles of Management	3
ENGL-415	Technical Writing	3
INMGT-365	Project Management	3
INMGT-400	Organizational Leadership	3
INMGT-475	Advanced Project Management	3
SPCOM-308	Speech Skills for Business and Industry	2

Technical — 48 credits

CS-145	Computer Science II	3
ELEC-204	Electronic Fundamentals	3
ITM-133	Networking Fundamentals I	3
ITM-134	Networking Fundamentals II	3
ITM-330	IP Telephony Design and Implementation	3
ITM-361	Workstation and Server	3
ITM-362	Server Applications	3
ITM-363	Directory Services	3
ITM-382	Network Systems Design	3
ITM-383	Introduction to Network Security	3
ITM-391	Wireless Systems	3
ITM-441	Scalable Internetworks	3
ITM-443	Multi-Layer Switched Networks	3
ITM-444	Internetwork Troubleshooting	3
ITM-484	Advanced Network Security and Auditing	3
ITM-490	ITM Capstone	3

Electives — 8 credits

Electives may be chosen from any courses with the following prefixes: BUACT, BUINB, BULGL, BUMGT, BUMIS, BUMKG, BURTL, CS, ELEC, INMGT, ITM, TCS, TRHRD, plus RC-381, STAT-320. ITM-499 Cooperative Education Experience is recommended. Suggested minors (may require additional credits beyond program minimum) include Business Administration, Computer Science, Technical Writing, Project Management, and Training and Human Resource Development.